



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor: Jeffrey W. Carr

Appln. No.: 10/002,035

Confirm. No.: 5043

Filed: November 1, 2001

Title: APPARATUS AND METHOD FOR ATMOSPHERIC  
PRESSURE REACTIVE ATOM PLASMA PROCESSING  
FOR SHAPING OF DAMAGE FREE SURFACES

PATENT APPLICATION

Art Unit: 1763

Examiner: A.W. Olsen

Customer No. 23910

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited in the  
United States Postal Service with sufficient postage as first class mail in an  
envelope addressed to Art Unit 1763, Commissioner for Patents, P.O. Box  
1450, Alexandria, VA 22313-1450, on 4/16/04.

(Attorney Signature)

Tianxiong Xue, Reg. No. 54,554

Signature Date: 4/16/04

**RESPONSE D TO OFFICE ACTION UNDER 37 C.F.R. §1.111**

Art Unit 1763

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This RESPONSE D is in reply to the Office Action mailed November 5, 2003. The fee  
for addition of new claims is included herewith. An appropriate Petition for Extension of Time to  
Respond is submitted herewith, together with the appropriate fee.

**Amendments**

Please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of the claims which begins on

Page 2 of this paper.

**Remarks** begin on Page 14 of this paper.

04/20/2004 SDENB081 00000028 10002035

02 FC:2202

03 FC:2051

688.00 OP  
315.00 OP  
65.00 OP